Scott. II-27--40,000—14-10-38.

Public Works (1938) Department.
Elec

MS SERIES.

G.O. No. 2265

DATED 20-10-38

[Despatch Abstract.]

Electricity - Udipi Electric Licence - Conditions, rates &c.
of supply - Approved.

THE UDIPI ELECTRIC SUPPLY CORPORATION LTD.

Managing Agents,

THE MECHELEC ENGINEERING COMPANY LTD

Head Office :—~~310,-Thambu-Chetty-St.~~, Madras.
TELEGRAPHIC ADDRESS :—" MECHELEC."

93, A,
POONAMALLE HIGH ROAD,
KILPAUK,
MADRAS.

Station Madras.

Ref. No. U. 24/38.

Dated 22nd January 1938.

The Secreatary,
Public Works & Labour Department,
Government of Madras,
Fort St. George,
M A D R A S.

ASST. SECRETARY TO GOVT. E1 26 JAN 1938 286 PUBLIC WORKS DEPT.

Dear Sir,

Sub:- Udipi Electric Scheme---
Conditions & Rates of Supply
for approval.

We beg to submit herewith two typed copies of the "Conditions and Rates of Supply" for the sale of electrical energy at Udipi, for your approval. One copy of the above is also forwarded to each of the following:-

1. The President, South Kanara District Board.
2. The Commissioner, Udipi Municipality.

and 3. President, Kalyanpur Panchayat Board.

and we have addressed them as per copy enclosed.

We request that these General Conditions and Rates may kindly be approved by you and we shall feel highly obliged if you let us have one copy with all corrections, if any, so that we can get the same printed and pass on the required number of copies for your office use.

We beg to remain,
Dear Sir,
Yours faithfully,
For The Udipi Elec. Supply Corpn. Ltd.,
For The Mechelec Engineering Co. Ltd., Mg. Agents.,

Managing Director.

Encl:
Two typed copies of booklets and
a copy of the letter No. U.25 dated 22-1-'38.

2

THE UDIPI ELECTRIC SUPPLY CORPORATION, LTD.

Managing Agents,

THE MECHELEC ENGINEERING COMPANY LTD.

Head Office :—~~340, Thambu Chetty St.~~, Madras.
TELEGRAPHIC ADDRESS:—"MECHELEC."

93, A,
POONAMALLE HIGH ROAD,
KILPAUK,
MADRAS.

Station Madras.

Ref. No. U. 25/38.

Dated 22nd January 1938.

Dear Sir,

As per Section (21) Sub Clause (2), of the Indian Electricity Act 1910, we are sending you herein enclosed one copy of the draft "Conditions of Supply of Energy" submitted by us to the Government for approval. Representations if any, may be made direct to the Secretary, Public Works and Labour Department, Fort St.George, Madras.

Yours faithfully,
For The Udipi Elec.Supply Corpn.Ltd.,
For The Mechelec Engineering Co.Ltd.,Mg.Agents.,

Managing Director.

Encl:
one typed copy of booklet.

Copies forwarde to:-

1. The President, South Kanara District Board
2. The Commissioner, Udipi Municipality.
and 3. The President, Kalyanpur Panchayat Board.

Copy of letter No.U.187/38 dated 7th June 1938 from Messrs. The Udipi Electric Supply Corporation Ltd., Madras to the Electrical Inspector to Government.

Sub.- Udipi Electric Licence - Draft booklet of conditions and rates of supply.-
Your letter No.1511/38-G-2 dated 22.5.38.

With reference to the above, we are sending you herein enclosed two copies of the draft booklet of conditions and rates, exactly same as that finalised for the Chicacole Electric Scheme with the following addition.

The minimum charge under industrial tariffs item (3) is stated as:-

Rs.5 K.W. of maximum demand (maintained for 15 minutes).

This clause of minimum charge based on maximum demand is essential as this area contains a number of mills of upto 60 to 70 K.W. capacity, such as Pug mills, Mortar mills, Rice Mills, etc., which may work only for a short time. Such mills definitely increase the maximum demand on the Power Station and even necessitate the maintenance of a bigger plant. It is also possible that such mills may work only for a few hours per day and for a few days in a month, yielding a very low revenue. It is reasonable that we ~~as~~ should be assured of a minimum revenue on the plant we have to keep in the Power Station to meet the demand of these mills. The licence granted to us for electrifying the area, allows this provision of the minimum charge and we request that the draft conditions and rates as herein enclosed may be approved.

8/2/38

8/2/38

21/2/38

4

PWD (Elec)

Letter No 288E/38-2

Dt 1-9-38

The Udipi Electric Supply
Co Ltd.
15 Mowbrays Road
Mylapore

Gentlemen,

Udipi Electric Licensing
Conditions, rates &c
Your letter No. U. 187/38
dt 7-6-38

The Govt. consider
that the minimum rate of
Rs 5 per KW of Maximum
demand maintained for
15 minutes is high, and
in fact, many licensees
and the Electricity Dept of
Govt. have found by
experience that it is not
desirable to levy a
minimum charge for
industrial power. It has
been suggested that if
you still think that a

Rec'd by
Manager
Note in file
Date 24-1938

Ans 3 on p 9 of (U)

5

minimum charges
necessary, it may be
fixed at Rs 3 per kW
of maximum demand
maintained for 30 minutes.
I am to enquire whether
Govt agree to the suggestion.

29/8/35

Govt
30/8

Thumbs
Govt
1/9

17
29/4

Pwd (Elec)

Letter No 188.6/3.8.4

2 28-4-38

The Kadipi Electric Supply Company Ltd

15 Mowbray's Road,

Mylapore

Gentlemen

Kadipi Electric Licence

Conditions relating to Supply

Pending the approval of Govt. to the draft conditions relating to Supply of energy under the above licence, which is under the consideration of Govt., I am directed to state that the Govt. permit you to commence supply of energy subject to the conditions (1) that all the electrical works have been inspected by the Electrical Inspector and certified by him to be in order and (2) that the conditions, relating to the supply of energy to be approved by Govt. shall be adopted with retrospective effect from the date of commencement of supply.

I have

Yours faithfully

for Secretary to Government

Vide 3rd proviso to clause 6 of the licence for 2 Kgs AD 1735 Eg (P) 24.8.37

Copy to E. Dr.

Paid by ... Manager
Dpt.'s initials: 30/4
Date 193

Paid by ... Manager
Dpt.'s initials: 30/4
Date 193

2/5/38

7.5.38

Elec 27/4

Secy 28/4

THE UDIPI ELECTRIC SUPPLY CORPORATION LTD.,

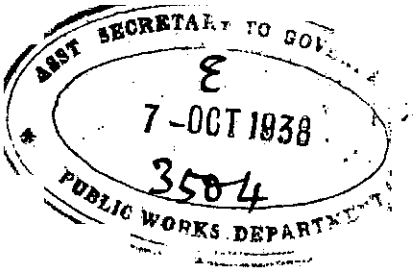
Managing Agents :
MECHELEC ENGINEERING CO., Ltd.,
15, MOWBRAY'S ROAD, MYLAPORE,
MADRAS.

TELE { GRAM : MECHELEC.
PHONE : 8162.

STATION Madras,

Dated 5th October 1938.

REF. No. M.306/38.



The Secretary,
Public Works Department,
Government of Madras,
FORT ST. GEORGE, M a d r a s.

Dear Sir,

dipi Electric License, Conditions, Rates, &c., of supply--Your Communication No. 288 E/38 - 4, dated the 28th ultimo.

We beg to acknowledge receipt of your above communication, and thank you for the same. We have pleasure to inform you that the electrical works have been inspected by the Electrical Inspector and passed by him, and the town has been switched-on, on the 30th September 1938. We request that the general conditions and rates may kindly be approved. as early as possible.

Yours faithfully,
For The Udipi Electric Supply Corporation Ltd.,
The Mechelec Engineering Co., Ltd., Mg.Agents,

MANAGING DIRECTOR.

Kvs-Vvsm.

THE UDIPI ELECTRIC SUPPLY CORPORATION LTD.,

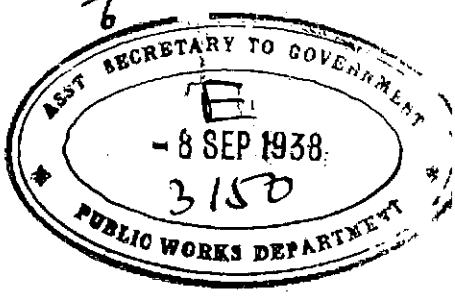
Managing Agents :
MECHELEC ENGINEERING CO., Ltd.,
15, MOWBRAY'S ROAD, MYLAPORE,
MADRAS.

TELE { GRAM : MECHELEC,
PHONE : 8162.

STATION Madras,

Dated 3rd September 1938.

REF. No. U.341/38.



The Secretary,
Public Works Department,
Government of Madras,
FORT ST. GEORGE,
Madras.

Dear Sir,

Sub:--The Udipi Electric License--Conditions and Rates of supply, etc.--
Your Communication No.288 E/38-2, dated the 1st instant.

We beg to acknowledge receipt of your above communication and note your suggestion that we should fix a minimum charge of Rs.3/- per K.W. of maximum demand maintained for 30 minutes for industrial loads. In this connection, we beg to submit for your consideration the following facts.

Usually, in small oil engine stations with capacity of 100 K.W. and particularly in the Udipi area, a number of power loads are connected more than the capacity of the Station. In such a case, we are always called upon to increase the capacity of the Plant. As our load on the Station at night time (1) will not exceed 100 K.W., we will then have only to increase the capacity of the Station for the sake of industrial loads. In such a case, as most of the loads will work only for 2-3 hours a day and every one of them have got engines by their side, the parties may take the Electric Motor and work them only (2) at times when the engines fail, whereas at other times they will be working their engines and not the Motors. In such a case, we will not get the sufficient revenue from the industrial loads, (3) if we charge them in the unit rate only; while at the same time we will be called upon to incur a heavy capital expenditure in increasing the capacity of the Station. This is particularly so in the Udipi area, as there are at present existing one factory consisting of a Pug Mill about 50 H.P., saw-mills, pumping sets, a power press and a number of other industries, in addition to 6 printing presses, three motor workshops, one industrial workshop and a number of small saw-bench motors, agricultural pumping sets, etc.,etc. Most of these have already agreed to consume electricity and we feel sure that the rest will follow suit. Every one of these parties are keeping the

22/29 G 9

THE UDIPI ELEC. SUPPLY CORPN. LTD.

2.

engines unsold. Under these circumstances, we would request that the minimum charge (of) Rs.5/- per K.W. of maximum demand may be retained in the general conditions of supply, submitted by us to you for approval. In this connection we may also mention that this rate has already been allowed in the License granted to us and we may also point out that even the Government, when giving bulk supply, charges, a charge of Rs.5/- per K.V.A. in the case of Vizag Thermal Station and Rs.4/- per K.V.A. in the case of Bezwada Thermal Station. We beg therefore to impress upon you that the rate in the License mentioned by us in the General Conditions of Supply is reasonable and request that you may kindly approve the same.

As we have fixed to switch-on the Station on the 28th instant, we request that the General Conditions may be approved as early as possible prior to that date.

We beg to remain,
Sir,
Yours faithfully,
For The Udipi Elec. Supply Corporation, Ltd.,
For The Mechelec Engineering Co., Ltd., Managing Agents,

MANAGING DIRECTOR.

14981

ELECTRICITY DEPARTMENT.
Office of the Chief Engr
Rec'd. 14 SEP 1938

Referred to	Noted	Date of passing on

P. W. D (Electrical)

Very urgent

No. 9 Ec 1380-38 dt. 14.9.38

Forwarded to the Executive Engineer Inspection to Engr. for Very early remarks with reference to his No. 1511/38-9-48/15-8-38

for Secretary

Kvs-Vvsm.

10-9-38

The Electrical Inspector to Govt.

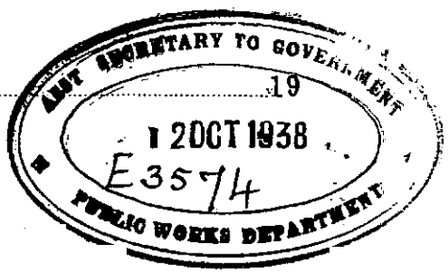
with reference letter No 285 E/38-2 dated 1-4-38

C.F. 30.

ELECTRICITY **DEPARTMENT.**

Received ..... 19 *Registered* 19

Subject.



Udipi Electric Licence - Conditions and rates of supply - Rates for industrial purposes.

ENCLOSURES.

No. Licensees' letter.

Spare copies .....

No. 1511/38-G-8.

Station Chepauk, Madras. *Dated the* 11th October 1938.

From (Name) E.J.B.Greenwood, Esq., M.Sc., M.I.E.E., M.I.E. (Ind.),

(Designation) Electrical Inspector to Government.

To The Secretary to the Government of Madras.

PUBLIC WORKS Department.

Sir,

With reference to Government endorsement No. 288 E/38-3 dated 12.9.38 I forward herewith the remarks of the Electrical Inspector with which I agree:-

"The conditions described as obtaining in Udipi and put forward as reasons for the necessity to specify a minimum are not entirely peculiar to that town. The minimum need not be increased beyond Rs.3 per K.W. of maximum demand as already suggested.

"Some of the statements of the licensee call for comments:-

"(1)

"(i) To restrict the power loads being put on in the night (or peak load time) a surcharge of 25% during the restricted hours is leviable as per the note given under 'Industrial Purposes' already approved.

"(ii) If any consumer takes up electric supply as a standby for any other prime mover, his case can be dealt with under proviso to Section 22 of the Indian Elecy. Act; it is not necessary to increase the tariff for rare cases which can be dealt with otherwise.

"(iii) From the licensee's statement that he will not get sufficient revenue if he charges on the unit rate only, it appears that the licensee is under the impression that in addition to the unit rate he may also charge the consumer on the maximum K.W. demand. This is ~~xx~~ incorrect. The rate is only based on the unit rate subject to a minimum of Rs.3 per K.W. of maximum demand maintained for 30 minutes. This point may be brought home to the licensee.

"(iv) The rate prevalent in thermal areas cited by the licensee refers to bulk supply at 11 K.V. or over and hence cannot be compared with the tariff under consideration".

2. The licensee's letter is returned herewith.

W.10.38.
Electrical Inspector to Government.

MRS:RS.

3/

Udipi Electric Supply
Conditions of supply etc
not yet settled
What is the position?
Can temp permission be
granted
J S/E
27/9

2 The file is now with the E.I
A reference was made to the licensee, re
monthly minimum for industrial supply on
and their reply was received & forwarded
E.I. on 13.4.38 in original. E.I's rec
are awaited

This is in reference to issue temp
permission to commence supply pending
the receipt of undertaking duly executed
conditions (1) that all the electrical works have
been passed by the Govt. Electrical Inspector
& his order and (2) that the conditions duly executed
approved and given restrictive effect from the
Commencement of supply

If the representative has asked Govt
for bulk supply permission the draft below

vide 3rd proviso
to Cl 6 of the license

2780 1735
7.8.37 (P)

be approved. Limited temporary sanctions have been given in several cases.

Attn
27/9

Draft approved.

Issued as letter No 2884 E/38-4 dt 28.9.38 to Chf Engr
No 3504 E/38) from the Addl Electric Supply Engr.
No M.306/38 dated 5.10.38
3574-E/38) from the Elec Insp/ No. 1511/38-S dt 11/10/38 to Chf Engr

The Elec Inspr does not agree to increase the minimum charge under industrial tariff. The licensee may be told that the Govt do not see justification to prescribe a high minimum as Rs 5/- and that the difficulties anticipated by the licensee may be met in the manner suggested by the Elec Inspr subject to the above remarks the draft orders may be approved. A draft order is submitted.

May issue.

Attn
19/10

19/X

THE UDIPI ELECTRIC SUPPLY CORPORATION LTD.,

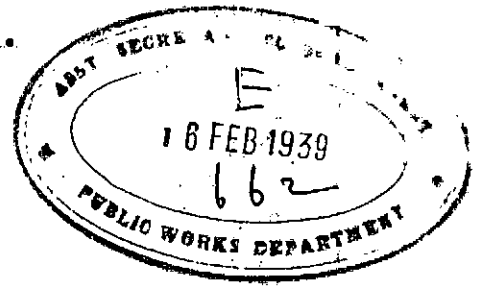
Managing Agents :
MECHELEC ENGINEERING CO., Ltd.,
15, MOWBRAY'S ROAD, MYLAPORE,
MADRAS.

TELE { GRAM : MECHELEC.
PHONE : 8162.

STATION Madras,

Dated 15th February 1939.

REF. No. U.313/39.



The Secretary,
Public Works Department,
FORT ST. GEORGE,
Madras.

Dear Sir,

Sub:- Udipi Electric Licence--Conditions, Rates and General Information for the Supply of Electric Energy--Approved under G.O.2265 dated 20th October 1938.

With rererence to the above, we beg to submit herewith two copies of the printed booklet of "Conditions, Rates and General Information for the Supply of Electric Energy" for the Udipi scheme.

We beg to remain,
Dear Sir,
Yours faithfully,
For The Udipi Electric Supply Corpn. Ltd.,
The Mechelec Engineering Co. Ltd., Mg. Agents,

MANAGING DIRECTOR.

Encl: 2 copies of the booklet.

KW
Ksn-Vvs

Pw Dy Elec

Linked and filed with G.O. 2265 Eg dt 20.10.38

20/2/39

21/2

20/2/39

CONDITIONS, RATES AND GENERAL INFORMATION
FOR THE SUPPLY OF ELECTRIC ENERGY.

OFFICE OF THE ELECTRICAL INSPECTOR
12 JUN 1937
ELECTRICITY

...

P A R T. I.

Conditions of Supply.

1. Application for Supply:- Application for a supply of electric energy must be made to the licensee upon the form of requisition attached hereto (Annexure A) of which copies are obtainable from the licensee free of cost. The requisition must be signed by the consumer. Assistance and information in filling up the form will be given to any applicant at the Office.

2. Notice for fixing service and meter, etc.,:- Upon receipt of the application, notice will be sent to the consumer or to the wiring contractor acting on the consumer's behalf, for the representative to meet the licensee's Engineer to agree upon the position of the supply service, main cut-outs and meters. The licensee will in no case fix his meters and main cut-outs, nor allow the same to remain in any position which entails entry by his employees into purdah or religious quarters.

3. Notice before connection:- The intending consumer must give one month's notice before the supply is required.

4. Fixing position of services, meter boards and fuses:- The licensee will lay the service lines between the distributing main and the consumer's premises. The size of these lines and of the meter board and fuses will be determined by the licensee's engineer.

5. Payment for service lines:- The consumer is entitled to the first 100 feet of service line on public roads from the distributing mains free of cost; he will be required to pay for all the service line laid on private property and for the length on puchlic roads beyond the 100 feet free length.

6. Consumer not to interfere with supply mains or apparatus:-

The licensee provides his own meter boards, main cut-outs

outs etc., and it must be clearly understood that these remain his property and must on no account be handled or removed by any one who is not in the employ of the licensee. The seals which are fixed on the meters and the licensee's apparatus must on no account be broken.

7. Fixing services and apparatus on consumers' premises:-

Fixing of service lines, cables and fittings connected there with (not including house wiring etc.), on consumers' premises can be undertaken by the licensee at an authorized scale of charges which are given in Part III of this pamphlet.

8. Wiring on consumer's Premises:- For the protection of consumers and the public generally it is necessary that the wiring on consumers premises shall conform with the Indian Electricity Rules, 1937, and the rules of the Fire Insurance company in which the building is insured. The licensee is unable to accept responsibility with regard to the maintenance or testing or wiring on consumers' premises. The adoption of the regulations for the electrical equipment of buildings issued by the Institution of Electrical Engineers or the specification issued by the Local Government for electrical work in Government buildings in the province is strongly recommended, especially as regards the methods of carrying out metal sheathed wiring.

9. Position and construction of main switches and fuses:-

The consumer must in all cases provide quick break main switches and a main fuse on each pole, which must be erected within three feet of the licensee's meter board, or in such other position as shall be approved by his engineer. The consumer shall provide a cable loop of at least three feet for each connexion to the licensee's meter board.

10. Procedure for testing installation and fee:- (1) After completion of the wiring, 48 hours' notice must be sent to the

the licensee (upon a printed test form obtainable from him)that the installation has been completed and tested by the contractors and that the same is complete and ready for inspection and test by the licensee, by whom only can the connexion be made. Notice of the licensee's intention to inspect and test the installation will be sent to the contractor who must send a representative at the time fixed to give any information that may be necessary concerning the installation.

(ii). No connexion will be made until the consumer's installation has been inspected and tested by the licensee and found satisfactory. No charge will be made for the first test made by the licensee but subsequent tests due to faults disclosed at the initial test will be charged for in accordance with Part III of these conditions, paragraph 7.

(iii) All fittings, whether incandescent lamps arc lamps, fans, motors, heating, cooking or other apparatus must be connected to the conductors, and all fuses must be in place and all switches switched on, before the tests are carried out.

(iv) A pressure of 500 volts will be applied between the whole installation and 'earth' and the insulation resistance after one minute's electrification shall not be less than the total number of ohms arrived at by dividing the number 10,000,000 in the dry season, and 5,000,000 in the rainy season, by the number expressing the maximum electric current in amperes required.

(v) The result of the test between the poles should be at least half the result of that to 'earth'.

11. Extensions and alterations:- Should the consumer, at any time after the supply of energy has been commenced, increase the number of size of lights, fans or motors, etc, on his premises or in any way alter the position of his wiring therein, notice (in writing) must be sent to the licensee whose representative will call and inspect the alteration and, if necessary, change

change meters and fuses and alter the service line. Failure to give such notice may derange the supply system and render the supply liable to be summarily discontinued. During such times as alterations, additions or repairs are being executed, the supply to the circuit which is being altered, added to or repaired must be entirely disconnected and it shall remain disconnected until the alterations, additions, or repairs have been tested and passed by the licensee.

12. Failure of supply:- Should the licensee's main fuse melt, notice must be sent to the Company's office; or nearest depot; it may only be replaced by one of his authorized assitants. If the cause of the melting was due to the defect on the consumer's wiring, a charge not exceeding Re.1/- may be made: no repairs need be done to consumer's wiring by the licensee's assistants.

13. Access to premises and apparatus:- The licensee's servants are entitled, at all reasonable times after giving intimation to the owner or occupier, to enter upon the premises to which energy is supplied for the purpose of inspecting meters and for other purposes connected with apparatus belonging to the licensee.

14. Agreement and Security:- The licensee may require any consumer to enter into a formal contract, in the form shown in Annexure B attached hereto and to deposit security for the payment of energy supplied, but in the event of no formal contract having been entered into between the licensee and the consumer, the latter, after once the supply of electricity has commenced, shall be bound by the terms and the conditions of supply herein set forth.

15. Method of charging for current:- The price and method of charging for current supplied shall be such as may from time to time be fixed by the licensee, in accordance with the provisions of the Act and of his license, or such as may be made the subject of special agreement between the consumer and the licensee.

Bills will be rendered monthly in accordance with the meter readings entered by the licensee on a card attached to the meter. Such card will be opened for the inspection of the consumer, and must not be removed from the meter by the consumer.

16. Notice of removal:- Consumers about to vacate or sublet their premises should give the licensee a full seven days' notice in writing, together with an opportunity for disconnecting the premises: otherwise the licensee cannot guarantee that the meter readings will be taken up to the required date. Failing such notices, the consumers will be held responsible for energy consumed on the premises in respect of which the licensee holds his agreement for the supply of energy until three days after the date on which notice of vacation in writing have been received at his office.

Consumers leaving the premises for a period exceeding two months and closing their houses while away, are requested to inform the licensee beforehand, so that their meters may be read, installations may be disconnected and the licensee's property removed, or otherwise to notify the licensee where the key can be obtained to enable the licensee's Engineer, to remove the fuses whenever it is desired to test the distribution mains in the consumer's district. In such cases consumers will not be charged the monthly minimum but will be liable for the rental of the licensee's meters so long as they remain on the consumer's premises.

When a consumer leaves his installation connected to the licensee's mains, but locks up the meter or totherwise makes it inaccessible for reading, by the licensee, for the first month of such inaccessibility the consumer will be charged the monthly minimum. If the meter remains inaccessible for the succeeding month as well, the consumer will be served with a twenty-four hours' notice (section 20, Indian Electricity Act, 1910), to open his premises for the reading of the meter

meter by the licensee at a fixed time and date, failing which the premises will be disconnected. For that month also the monthly minimum charge will be recovered from the consumer. On reconnexion, fees under clause 8 in part III of the booklet will be collected and no rebate for the energy consumed during months previous to the disconnexion will be given in the reading available after the said reconnexion.

17. Pressure of supply:- Supply for domestic purposes will be made at consumer's terminals at the declared pressure of 200 volts, 50 cycles single phase and 400 volts 50 cycles three phase. For industrial purposes the supply may be at higher pressures which shall be declared in writing in the consumers agreement.

18. Installations with a connected load as under must be wired for the supply specified:-

Less than 2,500 watts..	..	Single phase.
More than 2,500 watts..	..	Three phase with the three circuits kept separate and maintained balanced as far as possible.

Motors and apparatus requiring more than 2,000 watts will be supplied only 400 volts three phase. Attention is also necessary to the conditions imposed by the Government of India under the Indian Electricity Rules 1937 regarding medium and high pressure supply.

19. Three phase supply:- In order that the supply to other consumers shall not be interefered with, three phase motors should in every case be provided with suitable overload protection and should prefearbly be arranged to start light on a loose pully and the following points should be observed:-

(a). Upto 10 brake horse-power, motors may be of the squirrel cage type, but beyond three brake horse-power the starting device shall be of the star-delta type or designed to keep the starting current within the limits of twice the full load current.

Above the said brake horse-power, motors should be provided with wound rotors and slip rings, with starting device designed to keep the starting current within the limit of one and half times the full load current for motors upto 50 brake horse-power and within the limit of one and a quarter times the full load current for motors greater than 50 brake horse-power.

(b). Where wiring for three phase motors is in conduit, all phase wires shall be bunched in a single metallic conduit, which must be efficiently earthed throughout and connected to the frame of the motor. It is recommended that the sectional area of the earthing wire shall be not less than one third the of the largest electrical conductor; the minimum size of earthing wire shall be No.12 S.W.G. (G.I. or CU.). Where the earthing wire is buried in the ground the wire shall be solid and not smaller than No.8 S.W.G.

Section

In no case will single leads run separately in metal conduits, or an earth connexion to a gas main be allowed.

(c). The licensee reserves the right to refuse to supply any motor or installation where the demand shows an average power factor of less than 80 per cent; subject to the right of the consumer to appeal to the Electrical Inspector.

Intending consumers are advised to consult the licensee's Engineer before ordering their motor as in some cases, dependent on the location and conditions of working it may be practicable to relax the rule limiting the starting current.

20. The applicant for the supply of energy for motors other than fans should state for what purpose the motors are required and specify the amount of current in amperes at full load required for each motor.

21. Heating, cooking and bathroom apparatus:- Wires for heating and cooking apparatus must not be tapped off the lighting installation wires but must be run separately from the house

house service terminals to the respective heating circuit control switches. Where the full load watts of the apparatus exceed 250, every wall soket shall be controlled by a switch immediately adjacent to the soket.

All appliances used in the bathroom for washing purposes or in any damp location must be effectively earthed.

22. Meters:- Meters will, as far as possible, be tested and calibrated once a year by the licensee. Should the licensee have reason to believe that a meter on the premises of a consumer is incorrect (which includes stopped, slow or fast meters) the correct quantity shall be determined from the readings for the previous three months; and where that is not possible or accepted either the consumer or the licensee can refer the matter to an Electrical Inspector.

23. Saving Rights:- Nothing in these conditions shall abridge or prejudice the rights of the licensee and consumer under the license and under the Acts of the Government of India, or the local Government or any rule thereunder.

PART II.
Low Tension Tariffs.

1. General Purposes.

(a) Lights, fans and small apparatus less than one H.P.	First 50 units per month	6 annas per unit.
	Rest..	4 annas per unit

Minimum Rs.2/- per month per service.

(B) Bazaar Lamps..	A flat rate of Rs.2 per month per 40 watt lamps burning 5 hours daily; lamp of otherspecities in proportion. Monthly payment in advance and no agreement or deposit required.
(c) Refrigerators, small cookers, heaters and pumps, sewing and washing machines and motors under 5 H.P. for domestics purposes when metered on a separate circuit..	2 annas per unit with a minimum of Rs.3/- per month per service.

Where pumps or other equipment having motors of 3 H.P. or over are used on domestic and non-industrial premises and on a separate circuit they may be classed as industrial load and charged accordingly.

2. For mixed load of small, power lights and fans or bulk supply for lights.. 3 annas per unit subject to a minimum monthly consumption of 500 units.

3. Industrial Purposes.

400 volts or lower

For the First 1500 units per mensem..		4 annas per unit.
For the next 1500 " " "	1.75	" " "
For the next 3000 " " "	1.50	" " "
For the Rest.. " "	1.25	" " "

Minimum charge: 3 8 Rs. per K.V. of maximum demand (maintained for 30 minutes)

For power used during the restricted hours of 5 P.M. to 11 P.M. a surcharge of 25% will be made.

4. Power for Bonafide agriculturists having not less than 3 H.P.connected.. 1 anna per unit.

No monthly minimum but annual guaranteed consumption of power shall not be less than that equivalent to Rs.15/- per H.P. connected. Otherwise the balance will have to be paid.

Terms and conditions for temporary service connections.

i. Service charges--As for permanent service connections except that a refund--less dismantling charges plus 15% thereto for office expenses-9- of the scrap value of the material retrieved from the temporary connection shall be given. But the temporary consumer will have to bear the entire cost of the service line from the distributing main of the licensee.

ii. Meter rent will be charged at rupee one for each meter irrespective of the period.

iii. The maximum period is 45 days.

iv. The ordinary tariff rates shall be charged for energy subject to a minimum bill therefor of ten rupees.

v. A security deposit shall be calculated at 6 hours a day for the maximum connected load for the declared period of temporary connection. This deposit together with the service line charges and the meter rent shall be paid in advance of erecting the service line. The deposit shall be adjusted within two weeks, of disconnection.

GENERAL NOTES.

1. For the first month or a service connection or for that portion of a month wherein a service has been disconnected or reconnected, monthly minimum charges proportionate to the

the number of days for which power was available on the actual consumption charges whichever is greater will be charged. Such proportionate charges will be reduced to an anna.

2. All bills not paid within 30 days of the date of issue of the bill will be subject to a surcharge of 1% per month. Consumers are also liable to have the Electric Supply discontinued after giving 7 days notice if the bills are overdue for more than 30 days.

3. All bills will be subject to a rebate of 6 pies per full rupee on condition that:

(a) Payment every month is made at the Company's office within one week from the date of receipt of bill by the consumer.

(b) Such payments are made every month for a continuous period of three months and

(c) The amount so credited will be adjusted towards payment due on the consumption of the fourth month.

4. The standard tariffs are applicable only in cases where the installation is located reasonably near the power lines, and feeders.

5. Unless otherwise agreed to, all rates for power apply to one point of supply only.

6. Except lamps used for indicating, pilot or similar purposes no lighting will be allowed under tariff 3. Consumers under clause (4) will be permitted lighting from the power circuit upto 50 watts per every K.W. of motor power utilised.

7. Special rates will be quoted for large blocks of power.

PART III.
Scale of Miscellaneous Charges for Service Connexions, testing etc.

...

Note:- The charge for the service line connecting an installation is payable before the work is carried out; No.8, is payable before reconnexion.

1. Service connexions:- For connecting up an installation the

10. Replacing consumers' fuses of 400 volts or less--

Upto 25 amps.. Annas 12 each.
25 to 100 amps. Re.1 each.

Note - for the last month of Service connection &c.

ANNEXURE A.

THE UDIPI ELECTRIC SUPPLY CORPORATION LTD.,
FORM OF REQUISITION FOR ELECTRIC SUPPLY.

To,
The Udipi Elec.Supply Corpn.Ltd.,

I/We hereby require you in accordance with clause VI of the Schedule to the Indian Electricity Act 1910 within one month from the date of this requisition or within such longer period as the Electrical Inspector may allow to supply electrical energy for the premises.....owned (occupied) by me being within the "area of supply" specified in the Udipi Electric License 1937.

I/We agree to pay for the said energy, service connection and other dues, including the deposit of such security as may be demanded in accordance with the scale of rates and the rules of the licensee.

The following are my requirements:

	Number of points	Wattage of points.	Total Wattage.
The following are my requirements:-			
Lighting.....			
Lights...			
Fans...			
Convenience wall plugs for lights and fans..			
Domestic electrical apparatus:-			
Cookers...			
Water heaters..			
Refrigerators..			
Other purposes..			
Convenience wall plugs 15 amps...			
Convenience wall plugs 15 amps...			

Motors:-	Number of points.	Wattage of points.	Total Wattage.
Industrial... ..	..		
Pumps... ..	..		
Other purposes.. ..	..		

Total.....

The wiring work will be carried out by.....

.....

Signature of applicant.....

Date..... Address.....

NOTE:- The Company will in all cases forward the applicant an estimate of the cost of service connection etc., before the connection is made.

ANNEXURE B .

Form of Agreement.

Agreement made this day of One thousand and nine hundred and between the Udipi Electric Supply Corporation Ltd., (hereinafter referred to as the licensee which expression where the context admits shall include its successors and assigns of the one part) and.....(hereinafter referred to as the consumer which expression where the context admits shall include his heirs, executors, administrators and legal representatives) of the other part whereby it is agreed as follows:-

1. The licensee shall furnish to the consumer and the consumer shall accept at the premises mentioned in the schedule hereto on and from the date on which the said premises shall be connected with the licensee's distributing main, a constant supply of eletrical energy for the purposes and upto the maximum specified and under the conditions laid down in the schedule. But the licensee will not be responsible for any interruption or diminution of the supply due to occurance beyond the control of the licensee.

2. The consumer shall pay to the licensee on demand the cost of so much of any service lines as may be laid down or placed for

energy consumed be less than the amount (if any) specified in the license, the consumer shall pay to the licensee a sum equivalent to the minimum sum so specified.

5. A consumer under this agreement is required to state (see schedule) under which of the rates, set out in the licensee's Oriental Book of Rates, he desires to be charged.

6. Readings of the meter or meters will be taken by the licensee once in each in each month, or at such other intervals or times as he shall think expedient, and the licensee's meter readers shall have access to the consumer's premises at all reasonable times for the purpose of taking such readings. The readings of each meter shall be entered by the licensee in a book to be attached to such meter and to be open for inspection by the consumer. Payment for energy supplied shall be made by the consumer according to the readings of each meter forthwith upon such readings being entered in the said book.

7. If the consumer shall at any time consider that any meter (not being his own property) is not in proper order for correctly registering the value of the supply, the licensee will on receipt of a notice in that behalf from the consumer take the necessary steps to have the same tested; if, however, the consumer intends that the meter be tested by the Electrical Inspector to Government he shall give the licensee not less than seven days' notice of his intention so to do. If upon such test it shall be found that the meter registers the supply within the limits of error prescribed in rule 32 & 33 of the Indian Electricity Rules 1937, the consumer shall repay to the licensee on demand all costs of, and incidental to, such testing If upon such test it shall be found that the meter registers the supply in excess of the limits of error, all costs of and incidental to, such testing shall be borne by the licensee; the licensee shall refund to the consumer any amount paid by him in respect of the quantity registered in excess during the previous three months ~~same~~ computed on the basis of the total

total error or difference from absolute accuracy disclosed by such test. For so long as the meter (being the property of the licensee) shall not be 'correct' the consumer shall not be liable for the hire thereof.

and correspondingly the Consumer shall pay to the licensee on demand for the quantity short registered by such meter during the period the monthly contribution on the basis of error or difference disclosed by such test.

8. The consumer shall on being thereunto required by the licensee deposit with him the sum of Rs. in cash as security for the purpose next hereinafter mentioned, and shall, on the like requisition from time to time renew or replenish such security in the event of the same becoming exhausted or insufficient. The licensee shall be at liberty at any time and from time to time to appropriate and apply any security so deposited as aforesaid in or towards payment or satisfaction of all or any moneys which shall become due or owing by the consumer to the licensee in respect of the supply of energy or otherwise under this agreement: but the provisions in this clause contained shall not prejudice any other remedy to which the licensee may be entitled for the recovery of such moneys. The licensee when so required by the consumer shall pay to the consumer interest at the rate of 3 per cent per annum on all sums comprised in such security for every complete period of twelve calender months during which the same shall remain on deposit with the licensee, and the said premises shall be connected with the licensee's distributing main.

9. The consumer shall not be at liberty save with the consent of the licensee to determine this agreement before the expiration of from the date of commencement of the supply of electrical energy hereunder. The consumer may determine this agreement at any time after the said period on giving to the licensee not less than one calender months notice in writing in that behalf and upon the expiration of the period of such notice this agreement shall cease and determine without prejudice to any right which may then have accrued to the licensee hereunder.

Provided always that the consumer may at any time with previous consent of the licensee transfer this agreement

agreement to any other person and upon subscription by such transferee of these presents. this agreement shall be-come binding on the transferee and the licensee, and take effect in all respects as if the transferee had originally been party hereto in place of the consumer, who shall thenceforth be discharged from all liability under or in respect hereof.

10. The agreement shall be read and construed as subject in all respect to the provision of the Mines-Electricity Lisense 1937, and to the provisions of the Indian Electricity Act 1910, and of any modification or re-enactment thereof for the time being in force and the rules for the time being in force thereunder so far as the same respectively may be applicable.

THE SCHEDULRE ABOVE REFERRED TO.

(1). Description of the prêmises at which the supply is to be give
.....

(2). Purposes for which the supply is to be given and in the case of domestic supply under which rate to be charged as referred to in paragraph 5.

(a) Supply.....

(b) Rate.....

(3). Maximum eletrical power required by the consumer.....
.....

(4). Minimum ~~electrical~~ consumption guaranteed by consumer.....
.....

As witness the hands of the parties have been affixed the day and year first above written.

Witness: Signature of the Licensee.....

Witness: Signature of the consumer.....

ANNEXURE C.

A PRECIS OF THE MORE IMPORTANT PROVISIONS OF THE INDIAN ELECTRICITY ACT, 1910, AND OF THE INDIAN ELECTRICITY RULES, 1937.

...

1. The supply of electrical energy is subject to the provisions of the Indian Electricity Act, 1910, and any modifications or

or re-enactment thereof and the rules made thereunder. Attention is, in particular, drawn tothe following:-

2. The licensee or his agent is entitled, aftergiving notice to the occupier, to enter any premises to which electrical energy is or has been supplied for the purpose of inspecting and testing his supply lines, fittings, and meters, reading meters, removing material and fittings, no longer required (section 20), and to demand facilities for testing the consumer's wiring and fittings for leakage (section 24).

If the consumer refuses or fails to give the licensee reasonable facilities to enter the premises for the inspection, testing or removal of his supply lines, meters fittings, works and apparatus the licensee is, after the expiry of twenty-four hours from the service of a notice in writing on the consumer, entitled to cut off the supply to the consumer only for so long as such refusal or failure continues.

3. The licensee is bound within reasonable limits and as determined by the Electrical Inspector, to supply electrical energy in the area of supply within one month of an application, subject to the applicant furnishing, if required, part cost of service line, an agreement and security as provided in the Act (Clause VI of the Schedule). He is also required, by the terms of his license, to extend his feeders to any applicants within the area with demand of not less than 8,000 units per annum per mile of L.T. extension and 12,000 units per annum per mile of 11 K.V.line extension.

4. The energy is to be supplied to a voltage and frequency within permissible limits (rules 28 and 29). The licensee is not permitted to prescribe any special form of appliances for using the energy supplied by him except on the ground that it will detrimentally affect its use of by other consumer (section 21), nor is he entitled to discriminate between different consumers in fixing the rates of supply (section 23).

punishable with a fine of Rs.300/- and a daily fine of Rs.50/- for a continued breach (rule 124).

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